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APPLICANT : TEIKOKU HORMONE MFG CO LTD;

INVENTOR : ISHII TOMOE;

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TITLE : BONE DESORPTION-INHIBITING FACTOR AND ITS PRODUCTION

ABSTRACT : PURPOSE: To provide a new bone desorption-inhibiting factor capable of recovering a balance of bone desorption with osteogenesis when the bone desorption is exceeded and a method for producing the same, and a new metabolic osteopaphy therapeutic agent.

CONSTITUTION: The bone desorption-inhibiting factor of this invention comprises a physiologically active substance produced by an osteoblast received the stimulation with estrogen and/or its salt. The method for the production is characterized by containing a process for culturing the osteoblast in the presence of the estrogen and a process for extracting the physiologically active substance produced by the osteoblast in the above-mentioned process from the culture system. The therapeutic agent of the invention contains as an active ingredient the bone desorption-inhibiting factor produced by the osteoblast received the stimulation with the estrogen.

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